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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/036,664	12/21/2001	Heidi Bauerlein Hopkins	17723	3725

.23556 7590 10/04/2004

KIMBERLY-CLARK WORLDWIDE, INC.  
401 NORTH LAKE STREET  
NEENAH, WI 54956

EXAMINER
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HALE, GLORIA M

ART UNIT	PAPER NUMBER
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3765

DATE MAILED: 10/04/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/036,664

Applicant(s)

HOPKINS, HEIDI BAUERLEIN

Examiner

Gloria Hale

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-43 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 14-31 is/are allowed.
- 6) ☒ Claim(s) 1-11, 32, 38 and 43 is/are rejected.
- 7) ☒ Claim(s) 12, 13, 33-37 and 39-42 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 25 November 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |   |  |
|---|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>5-5&amp;4-29-3, 8-15-2</u> . | 6) <input type="checkbox"/> Other: ____  |

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## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Heran et al (US 4,646,362).

Heran et al discloses a method of making a disposable absorbent pant with an inward crotch seam by providing first and second panels and bonding them together as claimed. However, the specifics of common manufacturing including placing the panels with the outside surfaces, bonding the seams and then folding the garment right side out has not been specifically described. However, such steps are necessary to construct the Heran et al garment and are well known in garment manufacturing in that the outside surfaces of the garment face each other before seams are sewn and then the garment is turned outside out so that the seams are on the inside and not seen from the outside. This is inherent with Heran et al but has not been described in detail since it is well known and common in the art, The front panel of Heran et al is smaller than the rear panel and the crotch seam intersects the leg seam edges as claimed except with the use of elastic where they do not depending on whether the elastic is considered part of the crotch seam. (See Heran et al, figures and col. 6, line 44

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– col. 7, line 58). The leg edge is a “pant leg” as broadly claimed since the garment is a “pant” and it has “leg edges” in that the “leg openings” have “edges”. Tubular leg portions have not been specifically claimed. The crotch seam is arcuate and convex from the outside as broadly claimed and the crotch and side seams are fin seams.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 32, 38 and 43 are rejected under 35 U.S.C. 102(b) as being anticipated by Heran et al (US 4,646,362).

Heran et al discloses the pant garment with the waist, leg openings and side regions, front and back panels, two side seams and an inward fin crotch seam with that the fin is “inward” at the crotch and with an absorbent between the layers as claimed. (See Heran et al, figures and (See Heran et al, figures and col. 6, line 44 – col. 7, line 58).

Claims 12, 13, 33-37 and 39-42 objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claims 14-31 are allowable. None of the cited references, alone or in combination disclose the bonded seam areas and slits/notches as in claims

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12,13 and 33-37; the specific absorbent panel structure of claims 39-42; the method of making the crotch seam structure of claims 18-23 and the slitted seam structure and cutting the web to form multiple pant garments as in claims 24-31.

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gloria Hale whose telephone number is 703-308-1282. The examiner can normally be reached on Tuesday-Friday.

The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



GLORIA M. HALE  
PRIMARY EXAMINER